

Inverter INVW125

- wall mount case
- small and strong
- with 50Hz output transformer
- potential free
- sinewave output
- short-circuit protected
- overload protected

Picture may differ from actual device



Specifications

General

Electrical safety	EN 60950, VDE 0805 overload and short-circuit protected
Efficiency	about 85%, nominal load
Galvanic isolation	3.75 kV _{DC}
EMC (emission)	EN 50081-1 Curve EN 55022B
EMC (immunity)	EN 50082-2
Operating temperature	-5 to +40°C non condensing

Input

INVW125-24	24 (19 - 31) V _{DC}
INVW125-48/60	48/60 (38 - 72) V _{DC}
INVW125-110	110 (88 - 132) V _{DC}
INVW125-220	220 (176 - 264) V _{DC}

Output

Voltage	230V _{AC} / 115V _{AC} Failure tolerance +/- 5%
Frequency	50Hz / 60Hz, sinewave processor controlled
Power	125VA, 100W
Power factor	0.8
Load range	0 - 100%
Crestfactor	>2.0
Harmonic distortion	<5%

Signals

Optical signals	power on / PG overload / OVL
Signal output	voltage free alarm contact

Warranty

24 months

Housing

Material	wall mount case alu/zinc
Size (W x D x H)	approx. 326 x 175 x 74 (mm)
Weight	approx. 3.5kg
Classification	IP 20
Ventilation	convection

Electrical connections

Input	Power-CombiCon 3-pole type: PC 4/3-G-7,62
Output	appliance outlet EN 60320
Signals	Mini-CombiCon 6-pole type: MC-1,5/6 GF-3,81

Order Code

e.g. INVW125-48/60 – 230 - 1

	Type	P / VA	U _{in} / VDC	U _{out} / VAC	Options
INV	W	125	24	230	1
			48 / 60	115	
			110		
			220		

Separate values by hyphen (-), append options where applicable

Options:
1: 60Hz f_{OUT}